

## Derwent Record

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Derwent Title: **Drying system for dried bean curd - using heat pump system which uses latent heat of moisture as it condenses**

Original Title: ☒ **JP59014758A2: DEVICE FOR FINISHING AND DRYING DRIED TOFU (BEAN CURD)**

Assignee: **CHUBU CREATE KOGYO Non-standard company**

Inventor: **None**

Accession/Update: **1984-058381 / 198410**

IPC Code: **A23L 1/20 ; F26B 21/04 ; F26B 23/00 ;**

Derwent Classes: **D13; Q76;**

Manual Codes: **D03-K09(Devices for concentrating or drying food)**

Derwent Abstract: (JP59014758A) In a closed drying system surrounded by double walls, outer wall is formed with a heat-insulating material and outer wall is a plate with openings. In this system air circulates between the walls, and a drying chamber within the inner wall has radiative surfaces for absorbing and discharging heat on the floor and ceiling. On the upstream and downstream sides of the air-circulating space, evaporator and condenser heat-exchanger of a heat pump system are attached respectively together with blowers and humidifier. Circulating air between the walls is dehydrated by the evaporater and then heated by the condenser. Both heat exchangers provide efficient heat and energy consumption by utilising latent heat of the moisture at its condensn. As the temp. provided by the heat pump is rather lower, good quality, uniform and crackless, dried bean curds can be provided together by the aid of uniform air flow caused by the openings in the inner wall. Heat loss and energy consumption are reduced.

Dwg. 1/1

Family:

PDF Patent	Pub. Date	Derwent Update	Pages	Language	IPC Code
<input checked="" type="checkbox"/> <b>JP59014758A</b> *	1984-01-25	198410	3	English	A23L 1/20
Local apps.: <a href="#">JP1982000123771</a> Filed:1982-07-17 (82JP-0123771)					
*****					
JP85052790B =	1985-11-21	198551		English	
Local apps.: *****					

INPADOC Legal Status: **None**

Priority Number:

Application Number	Filed	Original Title
<a href="#">JP1982000123771</a>	1982-07-17	SHIMIDOFUNOSHIAGEKANSOSOCHI

Title Terms: **DRY SYSTEM DRY BEAN CURD HEAT PUMP SYSTEM LATENT HEAT MOIST CONDENSATION**

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